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## Complexation of Nitrous Oxide by Frustrated Lewis Pairs

Otten, Edwin; Neu, Rebecca C.; Stephan, Douglas W.

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F^2 > 2sigma(F^2) is used only for calculating R-factors(gt) etc. and is
not relevant to the choice of reflections for refinement. R-factors based
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 H25B H 0.4297 0.4809 0.3807 0.039 Uiso 1 1 calc R . .  
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 H26C H 0.6615 0.5603 0.3382 0.041 Uiso 1 1 calc R . .  
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 H28B H 0.1641 0.7328 0.1508 0.042 Uiso 1 1 calc R . .  
 H28C H 0.1616 0.6495 0.2536 0.042 Uiso 1 1 calc R . .  
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C24 0.0336(9) 0.0244(8) 0.0230(9) -0.0106(7) 0.0028(7) 0.0017(7)  
C25 0.0325(9) 0.0276(8) 0.0174(8) -0.0034(6) 0.0026(7) 0.0004(7)  
C26 0.0265(8) 0.0327(9) 0.0247(9) -0.0120(7) -0.0064(7) 0.0005(7)  
C27 0.0172(7) 0.0189(7) 0.0245(8) -0.0050(6) -0.0032(6) -0.0006(6)  
C28 0.0189(8) 0.0257(8) 0.0383(10) -0.0063(7) -0.0010(7) 0.0027(6)  
C29 0.0212(8) 0.0204(8) 0.0356(10) -0.0061(7) -0.0010(7) -0.0042(6)  
C30 0.0318(9) 0.0275(8) 0.0301(9) -0.0096(7) -0.0113(7) -0.0011(7)

\_geom\_special\_details

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All esds (except the esd in the dihedral angle between two l.s. planes) are estimated using the full covariance matrix. The cell esds are taken into account individually in the estimation of esds in distances, angles and torsion angles; correlations between esds in cell parameters are only used when they are defined by crystal symmetry. An approximate (isotropic) treatment of cell esds is used for estimating esds involving l.s. planes.

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loop\_

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N1 N2 1.2571(17) . ?  
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F7 C9 1.3456(18) . ?  
F8 C10 1.3446(17) . ?  
F9 C11 1.3476(17) . ?  
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loop\_

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 H21A H -0.3689 0.3030 0.1877 0.048 Uiso 1 1 calc R . .  
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 H21C H -0.3621 0.3264 0.0745 0.048 Uiso 1 1 calc R . .  
 C22 C -0.45059(9) 0.55436(9) 0.11685(7) 0.03096(17) Uani 1 1 d . . .  
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 H22B H -0.4930 0.5366 0.1833 0.046 Uiso 1 1 calc R . .  
 H22C H -0.5083 0.5532 0.0745 0.046 Uiso 1 1 calc R . .  
 C23 C -0.22928(8) 0.34228(8) 0.32440(6) 0.02305(13) Uani 1 1 d . . .  
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C10 0.0332(4) 0.0394(5) 0.0257(4) -0.0191(3) -0.0017(3) -0.0105(3)
C11 0.0279(3) 0.0301(4) 0.0160(3) -0.0071(3) -0.0006(2) -0.0075(3)
C12 0.0212(3) 0.0203(3) 0.0163(3) -0.0044(2) -0.0020(2) -0.0055(2)
C13 0.0166(3) 0.0181(3) 0.0191(3) -0.0062(2) 0.0003(2) -0.0051(2)
C14 0.0181(3) 0.0182(3) 0.0235(3) -0.0057(2) 0.0001(2) -0.0045(2)
C15 0.0212(3) 0.0172(3) 0.0321(4) -0.0061(3) 0.0045(3) -0.0052(2)
C16 0.0247(3) 0.0243(4) 0.0460(5) -0.0152(3) 0.0045(3) -0.0121(3)
C17 0.0230(3) 0.0310(4) 0.0397(4) -0.0168(3) -0.0018(3) -0.0116(3)
C18 0.0200(3) 0.0230(3) 0.0256(3) -0.0091(3) -0.0022(2) -0.0065(2)
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C22 0.0197(3) 0.0324(4) 0.0371(4) -0.0039(3) -0.0111(3) -0.0059(3)
C23 0.0182(3) 0.0258(3) 0.0183(3) -0.0012(2) 0.0002(2) -0.0060(2)
C24 0.0192(3) 0.0393(5) 0.0293(4) -0.0035(3) 0.0042(3) -0.0081(3)
C25 0.0251(4) 0.0442(5) 0.0179(3) -0.0077(3) -0.0016(3) -0.0056(3)
C26 0.0293(4) 0.0235(4) 0.0308(4) 0.0046(3) -0.0017(3) -0.0097(3)
C27 0.0188(3) 0.0198(3) 0.0267(3) -0.0105(2) -0.0002(2) -0.0067(2)
C28 0.0317(4) 0.0198(3) 0.0340(4) -0.0021(3) -0.0041(3) -0.0114(3)
C29 0.0240(3) 0.0287(4) 0.0449(5) -0.0218(4) 0.0033(3) -0.0054(3)
C30 0.0235(3) 0.0371(4) 0.0349(4) -0.0199(3) -0.0005(3) -0.0138(3)
B1 0.0161(3) 0.0165(3) 0.0163(3) -0.0041(2) -0.0013(2) -0.0042(2)

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\_geom\_special\_details

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All esds (except the esd in the dihedral angle between two l.s. planes) are estimated using the full covariance matrix. The cell esds are taken into account individually in the estimation of esds in distances, angles and torsion angles; correlations between esds in cell parameters are only used when they are defined by crystal symmetry. An approximate (isotropic) treatment of cell esds is used for estimating esds involving l.s. planes.

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loop\_

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N1 N2 1.2602(8) . ?

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loop\_

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